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RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/933,638A

TIME: 14:16:04

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\05172002\I933638A.raw

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4 <110> APPLICANT: Kazantsev, Aleksey G.
5 Thompson, Leslie M.
6 Housman, David E.
8 <120> TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
10 <130> FILE REFERENCE: 01997-289001
12 <140> CURRENT APPLICATION NUMBER: US 09/933,638A
13 <141> CURRENT FILING DATE: 2001-08-20
15 <150> PRIOR APPLICATION NUMBER: US 60/226,502
16 <151> PRIOR FILING DATE: 2000-08-18
18 <160> NUMBER OF SEQ ID NOS: 12
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 6
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Synthetically generated peptide
30 <400> SEQUENCE: 1
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32 1 5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 9
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Synthetically generated peptide
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46 <210> SEQ ID NO: 3
47 <211> LENGTH: 13
48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Synthetically generated peptide
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59 <211> LENGTH: 11
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:

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64 <223> OTHER INFORMATION: Synthetically generated peptide
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67 Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe
68   1               5               10
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72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Synthetically generated peptide
78 <400> SEQUENCE: 5
79 Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys Gly
80   1               5               10               15
81 Phe Arg Lys
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86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthetically generated peptide
92 <400> SEQUENCE: 6
93 Leu Lys Thr Ile Ala Leu Arg Ala Arg Asn Ala Glu Tyr Asn Pro Lys
94   1               5               10               15
95 Arg Phe Ala Ala Val Ile Met Arg Ile Arg Glu Pro Arg Thr Thr Ala
96   20               25               30
97 Leu Ile Phe Ser Ser Gly Lys Met Val Cys Thr Gly Ala Lys Ser Glu
98   35               40               45
99 Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg
100  50               55               60
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103 <211> LENGTH: 54
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthetically generated peptide
110 <400> SEQUENCE: 7
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112   1               5               10               15
113 Lys Leu Gly Phe Pro Ala Lys Phe Leu Asp Phe Lys Ile Gln Asn Met
114   20               25               30
115 Val Gly Ser Cys Asp Val Lys Phe Pro Ile Arg Leu Glu Gly Leu Val
116   35               40               45
117 Leu Thr His Gln Gln Phe
118   50
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 69
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:

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126 <223> OTHER INFORMATION: Synthetically generated peptide
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129 Arg Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu
130   1               5               10               15
131 Pro Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile
132               20               25               30
133 Val Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys
134               35               40               45
135 Val Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu
136               50               55               60
137 Lys Gly Phe Arg Lys
138   65
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 18
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
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150               18
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153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
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161               18
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164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthetically generated peptide
170 <400> SEQUENCE: 11
171 Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro
172   1               5               10               15
173 Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val
174               20               25               30
175 Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val
176               35               40               45
177 Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys
178               50               55               60
179 Gly Phe Arg Lys
180   65
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 338
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens

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187 <400> SEQUENCE: 12

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189      1      5      10      15
190 Pro Gln Gly Ala Met Thr Pro Gly Ile Pro Ile Phe Ser Pro Met Met
191      20      25      30
192 Pro Tyr Gly Thr Gly Leu Thr Pro Gln Pro Ile Gln Asn Thr Asn Ser
193      35      40      45
194 Leu Ser Ile Leu Glu Glu Gln Gln Arg Gln Gln Gln Gln Gln Gln
195      50      55      60
196 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
197      65      70      75      80
198 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Ala
199      85      90      95
200 Val Ala Ala Ala Val Gln Gln Ser Thr Ser Gln Gln Ala Thr Gln
201      100      105      110
202 Gly Thr Ser Gly Gln Ala Pro Gln Leu Phe His Ser Gln Thr Leu Thr
203      115      120      125
204 Thr Ala Pro Leu Pro Gly Thr Thr Pro Leu Tyr Pro Ser Pro Met Thr
205      130      135      140
206 Pro Met Thr Pro Ile Thr Pro Ala Thr Pro Ala Ser Glu Ser Ser Gly
207 145      150      155      160
208 Ile Val Pro Gln Leu Gln Asn Ile Val Ser Thr Val Asn Leu Gly Cys
209      165      170      175
210 Lys Leu Asp Leu Lys Thr Ile Ala Leu Arg Ala Arg Asn Ala Glu Tyr
211      180      185      190
212 Asn Pro Lys Arg Phe Ala Ala Val Ile Met Arg Ile Arg Glu Pro Arg
213      195      200      205
214 Thr Thr Ala Leu Ile Phe Ser Ser Gly Lys Met Val Cys Thr Gly Ala
215      210      215      220
216 Lys Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg Val Val
217 225      230      235      240
218 Gln Lys Leu Gly Phe Pro Ala Lys Phe Leu Asp Phe Lys Ile Gln Asn
219      245      250      255
220 Met Val Gly Ser Cys Asp Val Lys Phe Pro Ile Arg Leu Glu Gly Leu
221      260      265      270
222 Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro Glu Leu Phe Pro
223      275      280      285
224 Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val Leu Leu Ile Phe
225      290      295      300
226 Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val Arg Ala Glu Ile
227 305      310      315      320
228 Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys Gly Phe Arg Lys
229      325      330      335
230 Thr Thr

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VERIFICATION SUMMARY

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